

The 50 MHz DX Bulletin

Volume 7, Issue 4

April 1996

ISSN 1073-1024

The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezy.sri.com. The bulletin may be freely quoted, provided that credit is given.

Fieldhunter's List

50 MHz Standings as of March 31, 1996

by Johnny Ryden, SM5INC

Slanbarsvagen 270

S-745 60 Enköping, SWEDEN

SM5INC @ SK5BB.#AROS.U.SWE.EU

Internet jr@pts.se

UKSMG seeks new secretary

Geoff, GJ4ICD, informs us that Chris, G3WOS, has resigned as Secretary of the UKSMG. He will continue office until later in the year/or another Secretary is found. If you are interested in the job (no PAY!) contact: G3HBR QTHR:

VUCC to cost \$10

"Please note that 1996 has brought some new fees to the VUCC Program. These changes were published in January 1996 QST, page 82. Basically, any new, first time VUCC is \$10.00. Each award (certificate) after this, whether new or replacement, is \$5.00 each. Endorsements are still free however, a 9x12 SASE with sufficient postage for all paperwork is still required, or you can enclose \$2.00 US, \$4.00 for foreign S&H in lieu of an SASE. Please destroy any old VUCC application forms. VUCC will no longer accept forms dated prior to January 1996."

In this issue

An early start to the Es season, lots of DX-peditions planned, contests, even another antenna!

Fieldhunter's List Info

SM5INC is the keeper of lists of standings of grid fields worked by radio amateurs on VHF. He updates the lists quarterly, and we republish his 50 MHz list. The standings as of the end of 1995 appear to the right of this column. In the list, the columns are: Position on list; Callsign; The station's own field; Number of fields worked; and Date last updated.

Updates to this list should be sent to him at either the mail or packet address listed at the top of the list.

Readers are reminded that a grid field is a block of 10' latitude by 20' longitude, and is the first two letters of a grid square as determined by the Maidenhead Locator System. This 50 MHz list is from one (VHF) of four sponsored by the Swedish Sending Amateurs. The others are HF (part I and II), and UHF/SHF.

RULES:

1. All fields must have been worked via passive reflectors.
2. All stations involved must be on the earth's surface.
3. QSL cards are not required if you are certain that the other station considers the QSO to have been completed.
4. All QSOs must have been worked from points within a circle of 1000 km radius.
5. There is no starting date for contacts to be eligible.

Rank	Call	Field	Fields	YMM	Rank	Call	Field	Fields	YMM
1	JA1VOK	QM	112	9309		YO2IS	KN	32	9410
2	JA6TEW	PM	88	9204	66	SM7JUQ	JO	31	9506
	NI6E/KH6	BK	88	9205		W6YLL	CM	31	9503
4	WA6BYA	CM	86	9511	68	PA0ION	JO	30	9501
5	PY5CC	GG	82	9503	69	PA3GML	JO	28	9507
6	GJ4ICD	IN	74	9506		VK3ALM	QF	28	9508
	W5OZI	EM	74	9405	71	ES6QB	KO	27	9510
8	K9LCR	EN	71	9601	72	OZ1IZB	JO	26	9410
	SV1DH	KM	71	9408	73	SM7NNJ	JO	25	9406
	WA1OUB	FN	71	9601		VE6XT	DO	25	9508
11	W4DR	FM	70	9602		VE7SKA	CN	25	9601
12	K1TOL	FN	69	9503	76	OZ1IEP	JO	24	9510
	N0LL	EM	69	9408	77	DL3YEE	JO	23	9504
14	SM7FJE	JO	68	9505		KB6NAN	CM	23	9508
	TI2NA	EJ	68	9503	79	DL8EBW	JO	22	9404
16	K0US	EN	67	9405	80	G6MXL	IO	21	9411
	ON4KST	JO	67	9507		KL7GLL/W4	FM	21	9509
	VK3OT	QF	67	9311		NL7XM	FN	21	9507
19	G3WOS	IO	66	9512		WB7QBS	CN	21	9505
20	SM7AED	JO	65	9507	84	ES5MC	KO	20	9510
21	SM7BAE	JO	64	9507		OH1AJ	KP	20	9507
22	G4IGO	IO	62	9502	86	SM4POB	JP	19	9508
23	G4UPS	IO	61	9501	87	DL3AMA	JO	18	9503
	KH6HH	BL	61	9505		DL5BBL	JO	18	9507
	PA0RDY	JO	61	9412	89	ON4FZ	JO	17	9409
	W3EP	FN	61	9501		PE1EBJ	JO	17	9603
27	K1GPJ	FN	59	9503	91	KD4GVW	EM	16	9505
	S59A	JN	59	9404	92	DL1EJA	JO	15	9507
29	G0JHC	IO	58	9507		ES1CW	KO	15	9510
	WB8YFE	EN	58	9507		ES5RY	KO	15	9510
31	W7HAH	DN	57	9408		G4DCJ	JO	15	9507
	WB4DBB	FM	57	9507		G4MJS	IO	15	9506
33	OZ3ZW	JO	56	9411		SM6MPA	JO	15	9508
	WA5IYX	EL	56	9508	98	ES5DE	KO	14	9510
35	G3OIL	IO	55	9509		G8CDW	JO	14	9511
	K0TLM	EM	55	9508		KB0MJD	DN	14	9602
	W0KEA	DM	55	9509		PE1OGF	JO	14	9501
	W3ZZ	FM	55	9601		SM5NVF	JO	14	9506
39	WA1AYS	FN	53	9408	103	K0RZ	DM	13	9501
40	G4IFX	IO	52	9510	104	ES2RW	KO	12	9510
	I5MXX	JN	52	9504		ES5QA	KO	12	9510
	PA3FYM	JO	52	9410		ES6PZ	KO	12	9510
43	DJ3TF	JN	51	9601		OH2BNH	KP	12	9407
	ZS6WB	KG	51	9405	108	K06ET	DM	11	9508
45	PA2TAB	JO	49	9502		SM5INC	JO	11	9403
46	I0CUT	JN	48	9504	110	ES0SM	KO	10	9510
	WA5QCP	DM	48	9509		KB0QDK	DN	10	9602
48	K6EID	EM	47	9508		OZ1CJX	JO	10	9602
	W3IWU	FN	47	9412		PE1MJR	JO	10	9409
	ZL3AAU	RE	47	9508		SM3VEE	JP	10	9509
51	G4HBA	IO	46	9502		SM5PPS	JO	10	9507
	K6FV	CM	46	9509	116	ES1II	KO	9	9510
	PE1LCH	JO	46	9507		ES5PC	KO	9	9510
54	W3OTC	FM	44	9602		SM4HEJ	JO	9	9602
55	VK6HK	OF	43	9510		XE1KK	EK	9	9601
56	S59F	JN	42	9501	120	ES2RJ	KO	8	9510
57	SM3EQY	JP	40	9508		NH6YK	BL	8	9601
58	K0CJ	EN	39	9602	122	NH6YK/KH4	AL	7	9601
59	N8NQS	EN	37	9502	123	OZ2AEV	JO	6	9510
60	OZ5IQ	JO	36	9508		SM5KUX	JO	6	9506
61	K8UNV	EM	35	9508	125	ES1AW	KO	5	9510
62	OH1LEU	KP	34	9506		ES1HW	KO	5	9510
63	OH5IY	KP	32	9408		ES2XM	KO	5	9510
	SM0KAK	JO	32	9309					

March-April 1996 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of G4UPS, SM7AED's *Six-metre Info*, JA1VOK's columns *World VHF News* in FIVE NINE and *V,UHF DX Topics* in MOBIL HAM, JR3HED, XE2HWB, W5UWB, K6QXY, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1996. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, W=mode not mentioned, H=heard only, R=responder/repeater.

Reports of Asia

ASIA, GENERAL

04100340 ASIAN VID VY STRONG 49.750 V JA5CMO
04190600-ASIAN VID 48.24/.25 49.750 V VK6RO
04190600-CHINESE? VIDEO 57.750 V VK6RO

HONG KONG

04161118 VS6XMT W JA1VOK
04161118+VR2IL H JA1VOK
04181012 VR2IL > PM74 50.110 H JJ3WXG

JAPAN

03300400 JA1-7 -0530 BEAM 120° (TES) JA1-7
03300430 JA1&6 -0630 Es JR3HED
03300430 JA1-3 -0630 Es JA3-6
03310415 JA8 JA0-3
03311000 JR6-Okinawa & 1105 JA3
03311100 JA1/2 240° scatter JA3
04091150 JA6YBR 50.017 B JR8DAG
04100430 JA2/3/4/5 (de JA3GR) JA8
04161000 JA1 JH6EYL
04161100 JR6-Okinawa 50.210 JQ1BXG
04170400 JA7 JL4GTO
04170400 JA8 & 0500 JL4GTO
04181100 JA6 -1130 (900 KM) (FAI) JO1CAW
04190600 JA0/1/2 UP TO 599 W VK6RO

KOREA,S.

04100520 HL JL4GTO
04101130 HL1LTC > QM09 50.110 H JL7IWF
04181058 HL5PDJ > QM05 50.100 S JA1VOK
04190600-HL VID 55.250 V VK6RO

TAIWAN

03310807 BV2FI > PM96 50.148 H JH0HME
03310830 BV2FI Es 50.150 S JA3
03310836 BV2FI 50.148 S JE3PCP
03310920 BV2FI > PM63 50.150 S JA5CMO
03311129 BV2SR > PM96 50.110 C JH0HME
03311143 BV2FG > PM96 50.110 H JH0HME
03311145 BV2FG Es 50.110 S JA1,6,9
03311150 BV2FI, BV2SR 50.110 50.120 S JA1-6&9
03311150 BV2SR 50.120 S JA1-6&9
04010434 BV2FG > PM64 50.001 B JJ3WXG
04010729 BV2RR > PM64 50.110 C JJ3WXG
04160400 BV2FG > PM74 50.001 B JJ3WXG
04160640 BV2FG > PM96 50.001 B JH0HME
04160735 BV2FG > PM74 50.001 B JJ3WXG
04160743 BV2RR > PM74 50.110 C JJ3WXG
04160851 BV2NT > PM74 50.120 S JJ3WXG
04161100 BV2FG -1115 50.001 B JA1VOK
04170900 BV2FG > PM63 50.001 B JA5CMO
04170900 BV2NT JL4GTO
04170920 BV2NT > PM63 50.120 H JA5CMO

04180130 BV2FG > PM63 50.001 B JA5CMO
04180255 BV2FG > PM74 50.001 B JJ3WXG
04180315 BV2HL > PM74 50.110 H JJ3WXG
04180922 BV2NT > PM74 50.110 H JJ3WXG
04180956 BV2RR ON CW > PM74 50.110 H JJ3WXG
04181000 BV2SR > PM74 50.135 H JJ3WXG
04181021 BV2/BO2AB > PM74 50.110 H JJ3WXG
04181030 BV2NT > PM63 50.150 S JA5CMO
04181045 BV2HL > PM63 50.120 S JA5CMO
04181050 BV2/BO2AB > PM63 50.115 S JA5CMO
04181100 BV2FG > QM05 50.001 B JA1VOK
04181112 BV2SR 50.100 S JA1VOK
04181120 BV2NT 50.150 S JA1VOK
04181139 BV2FG > PM74 50.110 H JJ3WXG

Reports of Europe

CRETE

02291651 SV9SIX KM25 > JO65 B SM7FJE

CZECH REPUBLIC

04211100 OK > IO83 -1430 H G0JHC

DENMARK

02272042 OZ5W 55/55 scat JO55 > JN53 S I5MXX

ENGLAND

02111522 G0JHC 59/59 IO83 > JN53 S I5MXX
02111523 G0JHC 59/59 IO83 > JN61 S IK0FTA
02111528 G4JCL 59/59 IO93 > JN53 S I5MXX
02251921 G1UPX 51/55 IO91 > JN61 S IK0FTA
02251926 2E1EMW 53/59 IO91MC > JN61 S IK0FTA
02271230 G6URX 57/58 IO94 > JN53 S I5MXX
02291717 G7EXO 59/59 IO91PG > JN61 S IO0UT
02291729 G4VPD 59/59 IO92 > JN61 S IO0UT
02291730 G4IGO 55/59 IO80NW > JN61 S IO0UT
02291732 G1HHO 53/57 IO90 > JN61 S IO0UT
02291736 G1KTZ 59/59 IO70TM > JN61 S IO0UT
02291840 G0NCE 59/59 JO01GK > JN61 S IK0VAQ
02291843 G8BQX 59/59 JO01 > JN61 S IK0VAQ
02291845 G3OIL 59/59 IO91 > JN61 S IK0VAQ

FRANCE

02291744 F1BBK 59/59 JN08PP > JN61 S IO0UT
02291855 F1YJ 59/59 JN17EC > JN61 S IK0VAQ

GREECE

02291622 SV1SIX KM17 > JO65 >1715 B SM7AED
02291644 SV1SIX KM17 > JO65 B SM7FJE
02291645 SV8CS KM07 > JO65 H SM7AED
02291649 SV8CS KM07 > JO65 SM7FJE

ITALY

02291726 IC8CQF JN70 > JO65 SM7FJE
04211100 I3/4/5/8/0 > IO83 -1430 H G0JHC

MALTA

02291725 9H5EE JM75 > JO65 SM7FJE

POLAND

02291731 SP6CPH 57/59 JO81 > JN61 S IO0UT
02291731 SP6DJO 59/59 JO81 > JN61 S IO0UT

SERBIA

03271219 YU7EW 56 -1221 120° 144.3 H G6TTL
04211100 YU > IO83 -1430 H G0JHC

SLOVENIA

04211100 S5 > IO83 -1430 H G0JHC

SPAIN

02291731 EH3BTD JN12 > JO65 SM7FJE
02291841 EH1EBJ 59/59 IN73FL > JN61 S IK0VAQ

SWEDEN

03010845 SM7AED 449/339 CONST. WEAK C G4UPS
03020849 SM7AED 569/449 CONST. WEAK C G4UPS
03030820 SM7AED 559 H G4UPS
03060849 SM7AED 559 PURE M/S H G4UPS
03070841 SM7AED 559/339 CONST. WEAK C G4UPS

03080848 SM7AED 559/559 CONST. C G4UPS
 03090853 SM7FJE 559/449 CONST. C G4UPS
 03100825 SM7AED 559/339 CONST. WEAK C G4UPS
 03110831 SM7AED 569/449 CONST. C G4UPS
 03120850 SM7AED 559/449 CONST. C G4UPS
 03130850 SM7AED 569/339 CONST. C G4UPS
 03140850 SM7AED 559/339 VERY M/S C G4UPS
 03150850 SM7AED 569/449 CONST. C G4UPS
 03160851 SM7AED 569/339 POOR CONDX C G4UPS
 03170828 SM7AED 559/339 CONST. C G4UPS
 03180849 SM7AED 569/449 CONST. C G4UPS
 03190848 SM7AED 559/339 CONST. C G4UPS
 03200854 SM7AED 559 H G4UPS
 03210851 SM7AED 559/339 VY CONST. C G4UPS
 03211515 SM3JGG JP71 > JO54 AURORA W OZ3ZW
 03211533 SM0FMT JO89 > JO54 AURORA W OZ3ZW
 03220851 SM7AED 579/559 VY CONST. C G4UPS
 03230851 SM7AED 569/339 CONST. C G4UPS
 03240826 SM7AED 559 H G4UPS
 03250850 SM7AED 559/549 VY CONST. C G4UPS
 03251624 SM0FMT JO89 > JO65 AURORA W SM7AED
 03260848 SM7AED 569/339 VY CONST. C G4UPS
 03270848 SM7AED 559/459 VY CONST. C G4UPS
 03280852 SM7AED 559/339 CONST + MS C G4UPS
 03290850 SM7AED 559/339 CONST. C G4UPS
 03300844 SM7AED 579/559 VY CONST. C G4UPS
 03310721 SM7AED 559/339 VY CONST. C G4UPS

WALES

02291734 GW6VZW 59/59 IO91LQ > JN61 S IOGUT
 02291735 GW7SMV 57/59 IO81LN > JN61 S IOGUT
 02291846 GW7SMV 59/59 IO81LN > JN61 S IK0VAQ

Reports of North America

This month's TV and FM DX report via Es were submitted by Danny Oglethorpe, Shreveport, LA; John Jefferson, Antioch, CA; Rick Lewis, Phoenix, AZ; and Pat Dyer, WA5IYX, San Antonio, TX.

CANADA: VE7SKA e-mail is now mcherry@raven.bc.ca.
 04131920 CHBX 2 ON 1098 T OGLETHORPE
 04221915 VE7 > DM12 S. CA N6XQ

COSTA RICA

04142346 TI2NA 529 TEP 50.078 B PY0FM
 04152345 TI2HL -0110 > DM62 N5JHV
 04152345 TI5/KB0HML -0110 > DM62 N5JHV
 04152345 TI7WAM -0110 > DM62 N5JHV
 04160000 TI2NA EJ79 > DM41 KC7MJ
 04160000 TI7WAM/4 > DM41 KC7MJ
 04160222 TI2NA EJ79 > EM21 50.110 S WA5JCI

CUBA

04131655 CO2OJ S8 EL83 > EM48 WA0KBZ
 04141403 CO2OJ EL93 > EL17AX (TX) W W5UWB
 04142242 CO2OJ 59+ > FM07AI WY4D

EL SALVADOR

03132255 YS 2 San Salvador 1324 T OGLETHORPE

MEXICO

03022008 XE TV 2 XHI or XEPM T JEFFERSON
 03030000 XE TV 2 SI Mazatlan? T JEFFERSON
 03030121 XHBS 4 SI Los Mochis T JEFFERSON
 03030130 XH? 2 BS La Paz T JEFFERSON
 03030328 XHI 2 SN Cd. Obregon T JEFFERSON
 03140025 XE 2 TV7 T OGLETHORPE
 03161555 XE 2 < XHQ-3 Culiacan T OGLETHORPE
 03200020 XE 5 T OGLETHORPE
 03300205 XE1AVM 59+ DK79>EM21 -0335 S WA5JCI
 03310150 XE 2,4,5 unID XEW/XHTV T OGLETHORPE
 04140035 XE2KIB 59/58 DL99 > EM48 S AA0YT
 04140218 XE2KIB 59 DL99 > EN40 .124 KA9CFD
 04140313 XE2KIB > EK09 MEXICO CITY XE1KK
 04160045 XE ch 2 > EM21 T WA5JCI
 04160115 XE1ABA > EM21 H WA5JCI
 04160115 XE1KK EK09 > EM21 50.135 S WA5JCI
 04160115 XE2UZL DM10 > EM21 B WA5JCI
 04160227 XE ch 4,5 > EM21 T WA5JCI

04230000 XE 4,5 > EL09QL T WA5IYX
 04230000 XE SAN ANDRES, TUXTLA 92.7 F WA5IYX
 04230000+XE 2,3 > EM21 T WA5JCI
 04230137 XE2/KC5FMT EL00 > EM21 W WA5JCI
 04231500+XE 2,3,4,6 > 1715 T WA5JCI
 04231650 XHBC 3 BCN MEXICALI T WA5IYX

United States, W1 & W2

04141431 WA1GUD EL87 > EL17AX (TX) W W5UWB
 04142309 W1 > FN13 AU N2DKP
 04091600-KH2CY FM19 W CO2OJ
 04091600-AE2L FM04 W CO2OJ

United States, W3

03202220 KDKA 2 PA briefly 945 T OGLETHORPE
 03281728 KDKA 2 PA 945 T OGLETHORPE
 04091600-K3XA FM18 W CO2OJ
 04091600-N3JLE FM19 W CO2OJ
 04091600-N3QCM FM28 W CO2OJ

United States, W4

02102210 WCBdt 2 SC T OGLETHORPE
 03100400 WCBd 2 SC briefly 805 T OGLETHORPE
 03192225 WUND 2 NC 1031 T OGLETHORPE
 03200015 WPBT 2 FL MUF ch 5 939 T OGLETHORPE
 03200210 WFOR 4 FL 939 T OGLETHORPE
 04091600-KC4IC EM76 W CO2OJ
 04091600-KE4CAN FM18 W CO2OJ
 04091600-KT4FW,KQ4MS,KE4VLK FM05 W CO2OJ
 04131728 WPBT 2 FL 939 T OGLETHORPE
 04131755 WESht 2 FL T OGLETHORPE
 04132220 KE4GKA, KE4UDJ FM04 > EM48 WA0KBZ
 04132251 W4 EL96,97,87 > EM89 N7SCM/8
 04132325 K4ESV EL87 > EM48 AA0YT
 04132330 W4 > EN37 (N MN) WT0N
 04140004 W4/W9GWT EL98 > EM48 WA0KBZ
 04140004+KD4YBD EL87 > EM48 WA0KBZ
 04140004+KE4ZQV EL87 > EM48 WA0KBZ
 04140005 WUND 2 NC 1031 T OGLETHORPE
 04140017 N4YWQ EL88 > EM48 WA0KBZ
 04140030 AD4DY EM63 > DM65 (NM) KK6MC/5
 04140048 KE4MGB EM81 > DM65 (NM) KK6MC/5
 04140053 WB4OQX EM81 > DM65 (NM) KK6MC/5
 04140106 W4UDH EM52 > DM65 (NM) KK6MC/5
 04141408 W4AZR EL98 > EL17AX (TX) W W5UWB
 04141412 N4RFN EL87 > EL17AX (TX) W W5UWB
 04141415 W4/WB2QLP EL96>EL17AX (TX) W W5UWB
 04141418 W4 FL,GA > EK09 XE1KK
 04141419 KD4FLP EL95 > EL17AX (TX) W W5UWB
 04141422 W4/WB2TQE EL96>EL17AX (TX) W W5UWB
 04141423 K4YSN EL87 > EL17AX (TX) W W5UWB
 04141429 KE4ZQV EL87 > EL17AX (TX) W W5UWB
 04141437 KE4JZT EL96 > EL17AX (TX) W W5UWB
 04170200 W4 NC,SC > EM21 WA5JCI

United States, W5

03020015 KJRH 2+OK TULSA > AZ T LEWIS
 03020104+KETS 2-AR LITTLROCK > AZ T LEWIS
 03020104+WMAB 2+MS STCOLLEGE > AZ T LEWIS
 03020155 KOB 4 NM 764 T OGLETHORPE
 03020230 KNME 5 NM 764 T OGLETHORPE
 03020258 KASA 2 NM 753 T OGLETHORPE
 03030213 KPRC 2-TX HOUSTON > AZ T LEWIS
 03192317+KDFW 4+TX D/FTWORTH > AZ T LEWIS
 03200806 KPRC 2-TX HOUSTON > AZ T LEWIS
 04132300 W5 AL,MS,LA,AR > FM19 WB2DNE
 04132325 W5OZI DM90 > EM48 50.065 B AA0YT
 04132330 W5 > EN37 (N MN) WT0N
 04140218 W5OZI > EN40 50.065 B KA9CFD
 04140313 W5OZI 599 > EK09 B XE1KK
 04140315 WA5UUD EL49 > DM65 (NM) KK6MC/5
 04141440 W5HUQ > EL17AX (TX) W W5UWB
 04170100 W5VAS 55 > FM18 KL7GLL/4
 04231325-W5 EM13,30,33,35,44,54 XE1KK
 04231727 KKOR NM GALLUP 94.5 F WA5IYX
 04231733 KXTC NM THOREAU 99.9 F WA5IYX
 04231737 KWYK NM AZTEC 94.9 F WA5IYX
 04231738 KXXI NM GALLUP 93.7 F WA5IYX
 04231742 KPCL NM FARMINGTO 95.7 F WA5IYX
 04231835 W5/KN6M 45 EM13 50.130 KD6EFQ
 04231839 KA5CJJ 45 EM23>DM12 50.130 KD6EFQ
 04231844 WD5K 45 EM12>DM12 50.130 KD6EFQ

04231846 KB5MER 35 EM10>DM12 50.130 KD6EFQ
 04231852 WA5HGG 35 EL29>DM12 50.130 KD6EFQ
 04232142 W5FF 59 > CN85 H N7DB

United States, W6

03020350 KRON 4 CA 1661 T OGLETHORPE
 03020359 KTVU 2 CA 1651 T OGLETHORPE
 03031900 W6 Southern CA -2030 W W5OZI
 03040200 W6 Southern CA -0330 W W5OZI
 04141435 N6RMJ DM14 > EL17AX (TX) W W5UWB
 04141510 AA6DD DM13 > EL17AX (TX) W W5UWB
 04141517 K6KN DM03 > EL17AX (TX) W W5UWB
 04141520 WA6NQJ DM42 > EL17AX (TX) W W5UWB
 04141526 KB6TCJ DM42 > EL17AX (TX) W W5UWB
 04141527 KQ6BJ DM13 > EL17AX (TX) W W5UWB
 04141550 K6GMV DM14 > EL17AX (TX) W W5UWB
 04141554 KD6HZM > EL17AX (TX) W W5UWB
 04141629 N6LCI DM14 > EL17AX (TX) W W5UWB
 04160324 KB6IGC DM15 > CN85 50.125 W WX7R
 04160324-AA6DD > CN85 (OR) H WX7R
 04221825 KC6UIX 5/1 DM14 > CN99AC W VE7HCE
 04221858 KD6UIH 5/3 DM13 > CN99AC W VE7HCE
 04221914 N6XQ 5/3 DM12 > CN99AC W VE7HCE
 04221954 KM6WCC 5/3 CM98 > CN99AC W VE7HCE

United States, W7

02200657 KTVQt 2-MT BILLINGS > AZ T LEWIS
 02291715 KTWQ 2 WY 996 T OGLETHORPE
 02291800 KNAZt 2 AZ T OGLETHORPE
 03020120 KNAZ 2 AZ 1045 T OGLETHORPE
 03020130 KPHO 5 AZ 1065 T OGLETHORPE
 03020140 KVVU 5 NV 1238 T OGLETHORPE
 03020200 W7 WY,UT -0338 W W5OZI
 03040200 W7 AZ -0330 W W5OZI
 03200025 KCWC 4 WY 1071 T OGLETHORPE
 03200040 KGWL 5 WY < KGWC-14 1071 T OGLETHORPE
 03200040 KTWQ 2 WY 996 T OGLETHORPE
 03200110 KUTV 2 UT 1160 T OGLETHORPE
 03200128 KNAZ 2 AZ 1045 T OGLETHORPE
 03200145 KHMT 4 MT 1184 T OGLETHORPE
 03200145 KTVQ 2 MT 1215 T OGLETHORPE
 04141448 KB7VCO DM33 > EL17AX (TX) W W5UWB
 04141508 KD7GC DM33 > EL17AX (TX) W W5UWB
 04141514 N7AMA > EL17AX (TX) W W5UWB
 04141528 KB7GAI DM42 > EL17AX (TX) W W5UWB
 04141549 W7US DM42 > EL17AX (TX) W W5UWB
 04141644 W7CI DM41 > EL17AX (TX) W W5UWB
 04221818 K7CA 5/5+ DM26 > CN99AC W VE7HCE
 04221915 W7 WA > DM12 S. CA N6XQ
 04221930 K7NO 5/3 DM43 > CN99AC W VE7HCE
 04231647 W7US DM42 > EL09QL 50.068 B WA5IYX
 04231655 KVBC 3 NV LAS VEGAS T WA5IYX
 04231715 W7 AZ > EM21 WA5JCI
 04231715-KUAT 6 AZ TUCSON > EM21 T WA5JCI
 04231722 KNAZ 2 AZ FLAGSTAFF T WA5IYX
 04231737 KTHQ AZ EAGAR 92.5 F WA5IYX
 04231740 KSGI UT ST.GEORGE 97.9 F WA5IYX
 04231741 KRFM AZ SHOW LOW 96.5 F WA5IYX
 04231745 KMGH AZ FLAGSTAFF 93.9 F WA5IYX
 04231748 KSNE NV LASVEGAS 106.5 F WA5IYX
 04231750 KWNH NV HENDERSON 95.5 F WA5IYX
 04231757 KVWM AZ SHOW LOW 93.5 F WA5IYX
 04231759 KILA NV LASVEGAS 90.5 F WA5IYX

United States, W8 & W9

03072059 WJBkt 2 MI T OGLETHORPE
 04091600-K8GLH EM89 W CO2OJ
 04142309 W9 > FN13 AU N2DKP

United States, W0

02201851 KXMA 2+ND DICKINSON > AZ T LEWIS
 03020104 KXMA 2+ND DICKINSON > AZ T LEWIS
 03020104+KNOP 2-NE N.PLATTE > AZ T LEWIS
 03020200 W0 CO,KS -0338 W W5OZI
 03021553+KGANT 2oIA CEDRAPIDS > AZ T LEWIS
 03192317+KUSD 2+SD VERMILLION> AZ T LEWIS
 03200125 KIVV 5 SD < KEVN-7 987 T OGLETHORPE
 04142341 KAORYT EN34 > EM19 AU 144 WQOP
 04150001 KOUS EN10 > DENVER CO 144 WB0GAZ AU
 04150444 W0? EN24 > EN62CR N9PBA
 04231956 WOMTK DM59 > EL09QL 50.065 B WA5IYX
 04232330 W0/W6OAL DM79>CN85 50.150 W N7EI

Reports of Oceania

American Samoa

04240250 KVZK 2 AS PAGO PAGO Es V ZK1AA

AUSTRALIA-VK4

03240442 VK4KK 50.140 JA1AUD
 04080505 VK4JSR, VK4KK, VK4AFL S P29KFS

AUSTRALIA-VK5

04140805 VK5AKK > PM63 50.110 S JA5CMO
 04140813 VK5AKK > PM64 50.130 S JH4JPO
 04140818 VK5ZBK > PM64 50.139 S JH4JPO
 04140823 VK5ZBK > PM63 50.140 S JA5CMO

AUSTRALIA-VK8

04140750+VK8VF > PM63 50.057 B JA5CMO
 04140758 VK8RH > PM63 50.110 S JA5CMO
 04140807 VK8VF 59 > PM64 50.057 B JH4JPO
 04140808 VK8VF B JA1VOK
 04140815 VK8MS > PM64 50.110 S JA5CMO
 04140823 VK8MS > PM64 50.150 S JH4JPO
 04150930 VK8VF > PM63 50.057 B JA5CMO

HAWAIIAN IS.

04020705 KHON 2 HI -0735 WEAK V FO5DR
 04050645 KHON 2 HI -0745 55.26 V FO5DR
 04090558 KHON 2 HI -1028 55.26 V ZK1AA
 04090650 KHON 2 HI -0850 55.26 V FO5DR
 04100340 KH6HME for a sec. 50.061 B JA5CMO
 04111127 KHON 2 HI -1307 55.26 V ZK1AA
 04120620 KHON 2 HI -0740 55.26 V ZK1AA
 04120700 KGMV 3 HI WAILUKU 61.25 V ZK1AA
 04120700 KITV 4 HI HONOLULU 67.24 V ZK1AA
 04121436 KHON 2 HI -1506 WEAK V ZK1AA
 04220551 KHON 2 HI -1019 STRONG V ZK1AA
 04220551+KGMV 3 HI <1019 V ZK1AA
 04220551+KITV 4 HI <1019 V ZK1AA
 04220551+KFVE 5 HI HONOLULU 77.25 V ZK1AA
 04220630 KHON 2 HI -0830 55.26 V FO5DR
 04230527 KHON 2 HI -1230 55.26 V ZK1AA
 04230730 KGMV 3 HI WAILUKU 61.25 V ZK1AA
 04240730 KITV 4 HI HONOLULU 67.24 V ZK1AA
 04240730 KFVE 5 HI HONOLULU 77.25 V ZK1AA
 04240730 KHET 11 HI HONO WK 199.26 V ZK1AA

PAPUA/NEW GUINEA

04080505 P29KFS VK4

PHILLIPINES

04160956 DU7/N7ET > PL36 50.110 S JR6HI

Reports of South America

ARGENTINA

04092320 LU9EHF 529 50.015 B PY0FM
 04202045 LW6ES? 42 > GG55QH 50.110 PY3CRX

CURACAO NETH. ANTILLES

04150025 PJ2SIX 559 TEP 50.003 B PY0FM

BRAZIL: Peter, PY5CC, indicated no 6m stations worked from PY0F this trip, although beacons were heard weakly from PY, LU, TI, PJ2, and YV. He also indicated that he and Andre, PY0FF, will be in the San Francisco CA area next July for the WRTC competition followed by a trip around the states for a month and wishes to visit with some 6m friends.

03201820 PY2AA 59 50.059 B LW5EJU Es
 04092315 PY2AA 519 50.059 B PY0FM
 04092330 PY5EJ RESPONDER 519 50.280 R PY0FM
 04150111 PY5EJ RESPONDER 529 50.280 R PY0FM

CHILE

03201820-CE 59+10 CONT.MUSIC 47.900 LW5EJU Es

FALKLAND IS.

03042130 VP8CSA 59+30 MARK 50.120 S LW5EJU Es

PERU: Peter, PY5CC passes along the information that Alfonso, OA4PQ, in Lima may be the only OA on six presently. He has 10W and a 3 el Yagi, but has not heard any DX lately. He may be reached at ajacy-w@amauta.rcp.net.pe.

VENEZUELA

03052315 YV4AB	53	50.025 B LW5EJU TE
03082330 YV4AB	51	50.025 B LW5EJU TE
03130000 YV4AB	51	50.025 B LW5EJU TE
03202330 YV4AB	51	50.025 B LW5EJU TE
03262320 YV4AB	51	50.025 B LW5EJU TE
04132200 YV4AB	-2300 > EM40	50.024 B W5VUY
04150104 YV4AB	529 TEP	50.025 B PY0FM

50 MHz Summer DX Challenge

In order to create a little bit of fun Internet Six News has created the 50MHz Summer DX Challenge! The event is sponsored by a communications/audio company.

A Special prize/award will be given to the two stations who make the longest "Es" QSO during June/July. This prize is substantial and both participants will each receive it, plus certificates to grace your shack wall. If you wish to participate in this event then just mail your callsign and e-mail address to: equinox@itl.net on ONE single line please to register. **YOU MUST REGISTER BEFORE JUNE 1st:**

You can double check to see if you are on the list at: <http://user.itl.net/~equinox/50em.html>

Forward your claim in kilometers anytime in June/July. The results will be posted on <http://user.itl.net/~equinox/ch.html>

The contact must be in the northern hemisphere and it must be from east to west, (or west to east) or north to south (or south to north) or north to north etc., in any combination you wish, and above the equator. (no TEP) e.g.: N5JHV/D44BC, VE1YX/5T5BN, W3EP/4X1IF etc. One of the 2 stations who win must be registered on the e-mail list.

A Similar challenge will be available for the southern hemisphere later this year.

1996 SMIRK Contest

The Six Meter International Radio Klub, is sponsoring a SMIRK QSO Party between 0000Z June 15 until 2400Z June 16 (48 hours). The contest is for six meters only, for voice and/or CW.

All voice contacts between the 48 contiguous states must be made above 50.125 MHz; CW below 50.100 or above 50.125 MHz. Only DX contacts are permitted between 50.100 and 50.125 MHz.

Exchange callsign, SMIRK#, and grid square. No cross-band or partial contacts allowed. Scoring: 2 points for each contact with a SMIRK member and 1 point for each contact with a non-SMIRK member. Final score is total points X total of grid squares worked.

Send a legal-sized SASE for copy of log forms. Awards: Certificates will be issued to the high scorer in each state, province, or foreign geographical division. Non-SMIRK member WILL receive awards if no entry is received from a SMIRK member in their geographical division. Send log requests or logs (postmarked no later than July 15) to Pat Rose, W5OZI, PO Box 393, Junction, TX 76849-0393.

Note that we have deleted the requirement to be a paid-up member to receive an award. If we insisted on that, there wouldn't be many awards, hi. Besides, the idea is to have a fun contest and encourage everyone to participate and try for an award.

1996 50 MHz DX Marathon

The 50 MHz DX Bulletin is sponsoring its third 50 MHz DX Marathon, in which the object is to work 6m/4m stations in as many grid fields (10' x 20' areas) as possible. (The grid field is the first two letters of a grid square.) Although the purpose of the event is to investigate long-distance Sporadic-E propagation, and the Northern Hemisphere is favored by the date, world-wide participation is welcomed. Combatants may use any propagation mode and emission available, and may count 50 MHz and/or 70 MHz stations worked (cross-band 50/70 MHz allowed). The contest period will run from 00Z June 15 to 00Z July 15. Only one QSO per station worked (even if worked on both 50 & 70 MHz) (unless either station has changed grid fields) should be reported, and only one QSO of distance shorter than 4400 km per grid field.

Our rover rules are fairly simple. The rules in the above and final paragraph will count for all the contacts you make while in each grid field; e.g., you start over when you move to a new grid field, and the total rover score will only be the sum of the scores from each grid field. Rovers are expected to use their own equipment in each grid field; i.e., not just operate from someone else's station.

It is thus expected that participants will abstract those QSOs qualifying from their regular and contest logs. The only over-the-air exchange required is call signs, but you are expected to the log date & time UTC, and report the location or grid square sufficiently accurate to verify the distance.

Scoring, 9 points for QSOs with DX stations (like 3V8 & 5A) whose 50 MHz operation is not recognized by the ARRL for DXCC, 6 points for QSOs with stations more distant than 8800 km, 3 points for QSOs with stations between 4400 and 8800 km, 0 points for QSOs with stations closer than 4400 km. Multiplier: number of grid fields. Final score = (Contact Points + 1) X Grid Fields.

QSLs

Pat Rose, W5OZI, writes: "I was interested in reading in the March 1996 edition, the reports of those who had not received QSLs. I have a list too. Out of 720 grids worked to date, I still need 7 confirmed. All of these have been sent SASEs with stamps, green-stamps, etc., several times.

FE34 LU6WN, FF56 LU9MA, FE63 LU1WUFU, GG68 PY5IAX, QF67 VK2MZ, PH57 VK8RH, IN82 EH1EH

I'm not complaining, that is a 99+% for grids confirmed. Try that on the HF bands!"

JH7LGJ writes of not being to get a QSL card from FR4FM for a 6m QSO May 3, 1991 at 1135Z. Suggestions?

The bulletin I sent to VK4VV in Atherton, QL 4881 was returned by the P.O. with the notation "Left Address." I have also received bulletins back from YV4BK and N0XX/7, so readers should be aware that the QTH listed in the 1996 Radio Amateurs Callbook for them is incorrect.

ITU Geneva, 4U: There are two ways to QSL to 4U0ITU:- via QSL BURO, the preferred way, and via DIRECT, to

I.A.R.C., P.O. Box 6, CH-1211, Geneva 20, SWITZERLAND. Do NOT send QSL cards direct to the operators! If they comply with station rules, they will fill out cards immediately on place and will not open up "a second IARC-buro." DK5UG via SM7AED.

Kuwait, 9K: Ray, W8CNL, and Derek, KC4ELO, will have a new address as of March 1st, 1996. W8CNL is the QSL Manager for 9K2ZZ and KC4ELO is QSL Manager for 9K2ZC and 9K2YY. The new address will be: Ray or Derek McClure, 5 McKenzie Circle, North Augusta, SC 29841, USA.

Malaysia, 9M: 9M2CS was activated in 1993 by SM0KAK, who worked a lot of JAs. 9M2CS promised to send the log to SM0KAK, but has failed to do so. Now he declares the log was lost when he moved to another QTH. Sorry OMs no chance to get a QSL this, but please don't blame SM0KAK. Tnx SM7AED.

Slovenia, S5: As of March 1, 1996, there are new zip codes in Slovenia. The first digit of the old code (6) is now replaced by "SI" (for Slovenia); e.g., 61000 ==> SI-1000.

Beacon News

Anguilla: The VP2EA beacon is QRV in mid-April on 50.012 with 25W to a Ringo Ranger courtesy of N6XQ.

California: Bob, K6QXY, writes of plans to install a beacon on 50.066 MHz in Eureka (CN70) on a 250' tower which is on a hill 300' above Humboldt Bay. He indicates the beacon format will follow IARU Region I suggestions, a long (15 sec) dash de K6QXY CN70 and repeat. Keying speed ~13 wpm.

He also wonders how we might discourage non-US beacons in the 50.060-50.080 U.S. subband, as it's getting quite crowded. In that regard, potential beacon operators might be interested in knowing that the IARU Region II VHF Beacon Coordinator is Joel Harrison, WB5IGF, whose e-mail address is jharrison@arrl.org and wb5igf@arrl.org.

Louisiana: The W5VAS beacon has been noted lately on 50.0607. It is at a new site N of Lake Ponchartrain in EM50. The antenna is at the 400' level on a tower and runs 100W. The keying has long periods of dead air.

Texas: The W5OZI beacon is on 50.066 (at 80° F), varying somewhat with temperature. His beacon runs 30 Watis to a dipole from grid DM90xi.

Denmark: Finn, OZ4VV, told G4UPS that the OZ6VHF beacon is unlikely to be operational again until well into the Sporadic E season, as the damage to the beacon etc., is being claimed against insurance--and that is not a fast process in any country!

Lebanon: OD5SB reports that the OD5SIX beacon is operational from Tripoli, KM74wk, with 7W to a dipole antenna. (F1FSH via SM7AED).

Norway: The keying of LA7SIX has been changed so that the IO is transmitted more frequently. The string of dots is now very short. The beacon is in good shape. (LA0BY via SM7AED).

Poland: SR8SIX will be QRV from KN19 in April/May on the temporary frequency of 50.008 MHz running 10W into a horizontal dipole. Another beacon, SR3SIX will be operational in the spring. Tnx SM7AED, G0UPS, SP5CCC.

Serbia: 4N0SIX, in KO04FZ, has changed frequency from 50.022 to 50.004 MHz. A new beacon, 4N6SIX, will appear soon on 50.022 MHz. (de Mirko, YU1AD, via G4UPS).

Indonesia: A beacon will be set up for Jakarta (OI33) courtesy of VK8RH. "We're waiting for the stormy season to subside before exposing the system to the world. We'll send another bulletin when it's transmitting. YC0UVO@YB0IXO.#JKT.IDN.OC (fyuwono@indo.net.id). Tnx SM7AED.

New Zealand: Eric Jamieson, VK5LP, in his VHF/UHF pages in the April 1996 edition of the Australian Amateur Radio magazine, mentions a new New Zealand 6m beacon, ZL3SIX, on 50.020 MHz, located at Christchurch, RE66. Tnx G4UPS.

IARU Region I 6 m Band Plan

50.000-50.100	CW/Beacons
50.020-50.080	Beacon subband
50.090	CW activity center
50.100-50.500	Narrow band modes (< 6 kHz)
50.100-50.130	Intercontinental CW/SSB
50.110	Intercontinental calling frequency
50.185	Cross band working
50.200	SSB calling frequency
50.300	CW MS ref. frequency (seldom used)
50.350	SSB MS ref. frequency (seldom used)
50.500-51.000	All modes
50.510	AFSK SSTV
50.550	Faximile
50.600	RTTY FSK
50.620-50.750	Packet radio
51.000-52.000	All modes
51.110	VK/ZL calling frequency
51.210-51.350	Repeater inputs
51.410-51.590	FM
51.510	FM calling frequency

DX-pedition News

Aland Island, OH0: Hadi DJ2PJ, Peter DL5FF, and Rainer DL1ZBO are planning new activity from Aland June 6 to 15.

Ascension Island, ZD8DEZ: G0DEZ will be QRV from Ascension Island (IOTA AF-003) from late May until the end of 1996. QSL to Des Wilson, 12 Chadswell Heights, Lichfield WS13 6BH ENGLAND. Do NOT QSL to Ascension!

Svalbard: Two resident amateurs, JW5NM and JW8GV, will both be on Svalbard during June and July. They can use the new JW7SIX beacon antenna for two-way contacts. JW5NM's e-mail address is bjerrang@telepost.no.

Cape Verde, D44BC: Julio has been looking continuously on 50 MHz but has heard nothing since July of last year. He has promised to be as active as possible when the Es season arrives in May/June/July. Should the band be open to 5T5, SO, etc., you can call Geoff, GJ4ICD at 0979 711 382 and Geoff will alert Julio by phone. Geoff is considering visiting Julio again this year. Tnx SM7AED.

Marion Island, ZS8IR: Chris de Beer will be accompanying the 53rd Marion Island Relief Expedition as Medical Officer. Marion Island is a small (290 km²) island approximately halfway between Cape Town and Antarctica. It must have been one of the environments least interfered with by man. This island has a population of about ten people, each of whom is there on a fourteen month contract.

The team usually consists of a diesel generator mechanic, three meteorologists, a radio technician, and a medical officer. The other team members are made up of researchers who are interested in the wildlife (Penguins, elephant seals, albatrosses and other bird life) or plants on the island.

On the amateur radio front, Chris will be active from the beginning of May 1996 until they leave the island in June or July 1997. He will NOT be using the usual ZS8MI callsign, but has been given a special unique callsign, ZS8IR. Marion island is IOTA AF-021. The base camp's grid square locator is KE83WC. He will be QRV on all bands (160 to 6 meters) on SSB, CW, and RTTY.

At the moment the station will consist of an Icom IC-735, Yaesu FL-2100Z Amplifier, AEA PK-232 MBX multimode data controller (for RTTY). He will be using mostly wire antennas (rhombics and V beams) due to very strong winds (gusts of up to 200 km/hr) and lack of funds for beam antennas that will stand up to such winds.

All QSL requests to go via his manager, Chris R Burger ZS6EZ (ex ZS6BCR). He will be sending logs to him every two weeks and hopes to be active during most large contests. Thanks to the NCDXF, who provided financial assistance for the amplifier and QSL cards. Please e-mail any inquiries to: cdebeer@cis.co.za

Minamitorishima (QL64): Yasu, JA0SUQ/JD1 should be QRV including 6m at least for one year from this April.

Greenland, OX3LX: Bo plans to be Thule Air Base (FQ57) between April 29 and May 22. Five other OX-stations have 6m gear.

Sable Island (FN93XN): Mike Smith posted a correction to Pat Rose's letter which we published last month. The call is CY0AA, not CY9. Also, Mike notes that antenna and backup radio have been taken care of, but the costs just keep adding, so just send money!

Bahamas, C6AIE: John Walker, WZ8D, plans to be active primarily on 6m from FL16 from June 7 to June 17. He asks that QSLs from USA include a SASE, and DX send IRC + SAE (no bureau) to John Walker, 1930 Meredith Ln, Loveland, OH 45140 USA. e-mail JOHNWZ8D@AOL.COM.

Bill Wiseman, KM1E, will be QRV from C6AGN (FL16) at Green Turtle Cay, Abaco, Bahamas from May 2 to June 10.

Cayman Islands: Ray, WB8YFE, announces that he is planning on operating from the Cayman Islands from around June 25 to around July 2, 1996. QTH will be somewhere on Grand Cayman in grid EK99.

He plans on using at least 100W and a 3 element yagi so that double hop Es will be workable. He should also be on some of the low bands as well, but if six is open it will get priority. A second op will be along with another low band rig to enable them to make a lot of noise if they run out of fish to catch!

Cocos Island, T19X: JH1NBN, TI5RLI, TI5KD, JI3ERV, & 7L2RPY plan to activate 160-6m + satellite (TE9RLI) from Cocos Island between April 26 and May 4 (max). Their announcement indicated 50.110 SSB & CW operation and beacon. QSL: via JH1NBN (Callbook Address) who asks that you please use a return envelope bigger than 4" X 6". Donations are also solicited.

St. Lucia, J6: The husband/wife team of KC4AUF/KS4RX will operate from June 3 through June 9 from St. Lucia. They will continuously monitor 50.095, 50.110, and 50.125 MHz using a FT736 and 150 W amp and a 5 element M² antenna from an elevated location with a clear shot to the USA. A HF station will be on the IOTA frequency, 14260. Tony and Becky even have a 2 meter link so they can detect a 6 meter opening while they are sunning themselves on the beach.

Bob Eshleman, W4DR, also passes along: "I believe J6 is the 'rarest' Caribbean island excluding KP1 and this is the first well-timed, serious 6 mtr DX-pedition to this QTH in years!"

Jan Mayen, JX7DFA: Per Einar Dahlen, LA7DFA, will be QRV on 6m, and 2m EME, from April to October.

Alaska, KL7: From SM7AED and Swedish radio amateur magazine QTC #4 in an article regarding lowband activity from the Prudhoe Bay Operation Center, Deadhorns, (BQ40?) "For the VHF interested amateur can be mentioned that WA7GHO/KL7 will build a 6m antenna and try to work Europe and Sporadic E."

Antennas: The KLM 8 el LPYagi

I used one of these antennas, vertically-polarized, for the K6FV beacon when it was directed at the South Pacific. It was struck by a falling tree during last December's storms and I have just picked up the pieces and measured them. It is composed of one reflector, four log-periodic elements, and three directors, all mounted on Lexan insulators which separate the bottom of the 0.5" O.D. elements and the top of the 2.0" O.D. boom by 0.5". The boom is made of two pieces of tubing, one swaged, with combined length just under 18' 5".

The insulators had been a weak point with the antenna. A number of them split in the middle where a bolt attached them to the boom. I have received two types of improved insulators from KLM Antennas, whose present address is 14792 172nd Drive SE, PO Box 694, Monroe, WA 98272 (360)794-2923. The earlier type, which is probably no longer available attaches to the boom with a hose clamp; the later type has reinforcing along the side and bolt-through-the-boom attachment. These are P/N PL66137 and cost \$4.20 each + \$5 Handling Fee + actual shipping costs.

The insulators are 4.25" long with holes for the elements spaced at 3.25". The holes in the elements are 0.75" back from the end. A 0.5" aluminum strap connects the halves of the reflector and directors and 0.5" aluminum strap is also used to connect the LPA elements in the usual alternating way (formed in an X between each LPA element, with one depressed and the other raised). The feed-point impedance at L1 is 50Ω. The element lengths given below are for each half element; the total length of reflector and directors is twice that length + 1.75". Lengths are in inches, rounded to tenths.

Element	Half-length	Spacing	End-End length
Reflector	58.5	1.8	118.8
L4	54.0	17.8	109.8
L3	52.2	33.2	106.2
L2	51.5	49.1	104.8
L1	49.5	64.8	100.8
D1	51.2	96.8	104.2
D2	50.5	158.2	102.8
D3	48.4	220.2	98.6

A inductive terminating loop of 0.5" aluminum strap, of total length 10" (between holes) is connected to L4.

Letters

Dear Victor from Larry T. Vogt, N4VA/

I will let you know whenever I plan to operate 50 MHz, which I will do whenever possible--especially in the coming years as conditions improve and licenses are obtained. I hope to be in Asia until/thru the next sunspot peak.

I do volunteer work for FAIRS (see following). I'll be visiting many places in the future to promote international friendship and goodwill through amateur radio activities. I'll teach, demonstrate, install, whatever is needed. I'm currently in the process of identifying places in the Asia/Pacific region which are ready and willing to have more native operators. Then I'll "go show them how..."

I've got a P.O. Box (86) in Taipei, TAIWAN which is my permanent mail drop in the area. My friends there will always know where to forward to. If possible, I will make Singapore my home base. I need to justify my presence to the authorities in order to be considered a resident and obtain a license. The alternative plan is to live right across the border in Malaysia (I've got 9M2/N4VA authority already).

I would request that any of your reader who have operated 50 MHz from Asia/South Pacific send me info as to any stations which I might operate from. Perhaps there are some unused 50 MHz rigs which I could "guest operate" as I travel?

I did take my IC-560 to Pescadores in 1993. Only worked two VKs on a TE opening. Those two contacts were worth the effort! I was QRP--10 Watts and a vertical dipole. Perhaps I will pack it up and carry it along again--just in case I can use it in Malaysia or somewhere else.

Other places I will visit for sure are: Indonesia, Taiwan, Thailand, and China. Thailand is a place I will make a special effort to operate 6m from. Has it been on before? I plan to go to the SEANET convention in the fall--will see what I can do! I hope to work you and the gang from the many rare ones as conditions improve.

Foundation for Amateur International Radio Service

"Building Global Friendships" between peoples and nations is the purpose of FAIRS. This goodwill is created by providing training, equipment, volunteers, exchange visits and other forms of assistance FAIRS members are able to provide.

Radio amateurs can truly make a difference in the world we live in by using the common bond hams have for each other to develop friendships and goodwill in many ways. FAIRS is not limited to helping only other amateurs but any individual, informal and official groups, government representatives as well as governments. FAIRS only becomes involved in activities that have the highest personal and legal ethics.

FAIRS first project began in May 1991 and now fully functional Amlink stations are operational in the Western Ukraine (U5WF) and Ulyanovsk Russia (UA4LCQ). FAIRS members have volunteered equipment and time in many projects. We had a major DXpedition and training expedition to Bangladesh in March 1993 which resulted in over 25,000 contacts and a real increase in amateur activity from there.

FAIRS member Bob Frieberthauser W6YMR has been working in Zambia helping to establish communications between a group of medical clinics. Larry Vogt N4VA has

spent many months volunteering in the Far East with a home base of Taiwan and in Guyana, South America.

We have on-going projects in Lithuania, Russia, Ukraine, Zambia, Bangladesh, Guyana, China. Many others are in planning--usually a project is started because of a personal interest of a FAIRS member in a particular area and then support is generated for the project.

Your help is needed to contribute equipment, funds or time to assist in making FAIRS projects successful. FAIRS is a public Foundation with 501-C-3 IRS status allowing you full tax deductible contributions as allowed by law. You can be part of this rewarding work by becoming a member of FAIRS and perhaps even representing FAIRS using your favorite amateur expertise. Please call or write for more information to David Larsen, KK4WW, Director FAIRS, P.O. Box 341, Floyd, VA 24091 USA (703)382-2935.

70 MHz Across The Pond This Summer?

Geoff Grayer, G3NAQ, posts: "The Es season is about to commence. There are a number of operators in Great Britain and Eire who would be very happy to make x-band contacts 70 to 50 or 70 to 28 MHz. We have a Four Metre News Letter devoted to the band. It would be helpful if we had a list of stations outside the British Isles who are interested and equipped for 4m x-band contacts. I will compile a list of such stations for the News Letter if those so equipped and interested would contact me (G3NAQ) directly. I suggest the following info is given: Call, First Name, QTH, LOC, 4m antenna, 4m receiver, x-bands available in order of preference (50,28).

The most important thing to know is 70.200 is the SSB calling frequency--used also for cw. This is where people monitor. People making contacts are expected to QSY, but most activity takes place between 70.15 and 70.25 MHz."

Tips On Working Multi-hop Es

Bill Sattler, N0XX/7 (bills@halse.com) posted the following on the Internet: "On April 22 we had about half an hour of double hop from CN84 Oregon to Florida. The only station worked was N0KBH EL88. Also heard was K4SC EL98 and about a dozen others. The problem was getting through the single-hop stations they were working, plus the fact that they were mainly all on top of one another on .125.

VHF-TIP, when you have good single-hop, and are running a pile-up, make a point of listening for the double-hop and longer stuff, since they will usually be much weaker than the single-hop stations calling. My practice is to ask explicitly "are there any double hop stations?" Also, if you are interested in working the longer-haul stuff, move up to .140 - .160 and call CQ, to get away from the QRM."

Michael, VE9AA, concurred, adding: "If I had a nickel for the number of times I have called a W7, only to have a closer station (to him) beat me to it, I'd be rich... I have in the past heard W7/VE7 on 50.125, but usually only call once or twice (in vain). Who can compete against a 20/s9 single hop, when your own signal might not even be s1... March 20, I think, I logged (swl-wise) 6 or 7 extreme west coast stations, DM03, etc., but not a single 2 way QSO. And that's running 550 Watts to a long boom @ 60' overlooking swampland."

Your editor also concurs, and suggests "Spread out! Call CQ! And why not try 50.090 to 50.100 (or even lower)."